

NOTIFICATION OF ADDENDUM

ADDENDUM NO. 2

DATED 11/20/2006

Control	0901-19-110
Project	BR 2000(438)
Highway	CR
County	GRAYSON

Ladies/Gentlemen:

Attached please find an addendum on the above captioned project. Included in the attachment is an addendum notification which details the changes and the respective proposal pages which were added and/or changed.

Except for new bid insert pages, it is unnecessary to return any of the pages attached.

Bid insert pages must be returned with the bid proposal submitted to the Department, unless your firm is submitting a bid using a computer print out. The computer print out must be changed to reflect the new bid item information.

Contractors and material suppliers, etc. who have previously been furnished informational proposals are not being furnished a copy of the addendum. If you have a subcontractor on the above project, please advise them of this addendum. Acknowledgment of this addendum is not requested if your company has been issued a proposal stamped "This Proposal Issued for Informational Purposes."

You are required to acknowledge receipt of this addendum by entering the date, which appears at the top of this letter on the Addendum Acknowledgement Form, contained in your bid proposal.

Failure to Acknowledge receipt of this addendum in your bid proposal will result in your bid not being read.

04/99

SUBJECT: PLANS AND PROPOSAL ADDENDUMS

PROJECT: BR 2000(438)

CONTROL: 0901-19-110

COUNTY: GRAYSON

LETTING: 12/05/2006

REFERENCE NO: 1120

PROPOSAL ADDENDUMS

PROPOSAL COVER

X BID INSERTS (SH. NO.: 3-4, 4-4)

X GENERAL NOTES (SH. NO.: A THRU I)

X SPEC LIST (SH. NO.: 1-2, 2-2)

SPECIAL PROVISIONS:

ADDED:

DELETED:

X SPECIAL SPECIFICATIONS:

ADDED: 4217

DELETED:

X OTHER: PLAN SHEETS 3 THRU 8

DESCRIPTION OF ABOVE CHANGES

(INCLUDING PLANS SHEET CHANGES)

BID INSERTS: SHEET 3-4: ADDED ITEM 446-2001 WITH A QUANTITY OF 1 LS.

SHEET 4-4: ADDED ITEM 784-2007 WITH A QUANTITY OF 1 LS.

ADDED ITEM 4217-2001 WITH A QUANTITY OF 1 LS.

NOTE: ITEMS MAY HAVE SHIFTED DUE TO ABOVE CHANGES.

GENERAL NOTES: REPLACED ENTIRE GENERAL NOTES, SHEETS A THRU I.

SPECIFICATION LIST: SHEET 1-2: ADDED STANDARD SPECS 446 AND 784.

SHEET 2-2: ADDED SPECIAL SPEC 4217.

NOTE: INFORMATION MAY HAVE SHIFTED DUE TO ABOVE CHANGES.

PLAN SHEETS: REPLACED SHEETS 3 THRU 8.

ALT	ITEM-CODE			UNIT BID PRICE ONLY. WRITTEN IN WORDS	UNIT	APPROX QUANTITIES	DEPT USE ONLY
	ITEM NO	DESC CODE	S.P. NO.				
	100	2002	001	PREPARING ROW DOLLARS and CENTS	STA	4.100	1
	110	2001		EXCAVATION (ROADWAY) DOLLARS and CENTS	CY	186.000	2
	110	2002		EXCAVATION (CHANNEL) DOLLARS and CENTS	CY	42.000	3
	110	2003		EXCAVATION (SPECIAL) DOLLARS and CENTS	CY	67.000	4
	132	2003		EMBANKMENT (FINAL)(ORD COMP)(TY B) DOLLARS and CENTS	CY	25.000	5
	164	2009		BROADCAST SEED (TEMP) (WARM) DOLLARS and CENTS	SY	1,075.000	6
	164	2011		BROADCAST SEED (TEMP) (COOL) DOLLARS and CENTS	SY	1,075.000	7
	164	2015		STRAW/HAY MLCH SEED(PERM)(RURAL)(CLAY) DOLLARS and CENTS	SY	1,075.000	8
	168	2001		VEGETATIVE WATERING DOLLARS and CENTS	MG	6.500	9
	247	2064		FL BS (CMP IN PLC)(TY A GR 4) (6") DOLLARS and CENTS	SY	704.000	10

ALT	ITEM-CODE			UNIT BID PRICE ONLY. WRITTEN IN WORDS	UNIT	APPROX QUANTITIES	DEPT USE ONLY
	ITEM NO	DESC CODE	S.P. NO.				
	310	2001		PRIME COAT (MC-30) DOLLARS CENTS and	GAL	141.000	11
	316	2172		AGGR(TY-B GR-3 SAC-B) DOLLARS CENTS and	CY	7.000	12
	316	2221		AGGR(TY-PB GR-3 SAC-B) DOLLARS CENTS and	CY	7.000	13
	316	2405		ASPH (AC-20-5TR, CRS-1P, CRS-2P) DOLLARS CENTS and	GAL	655.000	14
	400	2005		CEM STABIL BKFL DOLLARS CENTS and	CY	70.800	15
	416	2003		DRILL SHAFT (30 IN) DOLLARS CENTS and	LF	126.000	16
	420	2003	003	CL C CONC (ABUT) DOLLARS CENTS and	CY	34.600	17
	420	2004	003	CL C CONC (BENT) DOLLARS CENTS and	CY	8.800	18
	422	2001		REINF CONC SLAB DOLLARS CENTS and	SF	3,380.000	19
	425	2003		PRESTR CONC BEAM (TY C) DOLLARS CENTS and	LF	517.340	20
	428	2001		CONC SURF TREAT (CLASS I) DOLLARS CENTS and	SY	376.000	21

ALT	ITEM-CODE			UNIT BID PRICE ONLY. WRITTEN IN WORDS	UNIT	APPROX QUANTITIES	DEPT USE ONLY
	ITEM NO	DESC CODE	S.P. NO.				
	432	2033		RIPRAP (STONE COMMON)(DRY)(12 IN) DOLLARS and CENTS	CY	4.000	22
	446	2001		CLEAN & PAINT EXIST STR (SYSTEM I) DOLLARS and CENTS	LS	1.000	23
	450	2011		RAIL (TY T6) DOLLARS and CENTS	LF	300.000	24
	496	2010		REMOV STR (BRIDGE 100-499 FT LENGTH) DOLLARS and CENTS	EA	1.000	25
	500	2001	002	MOBILIZATION DOLLARS and CENTS	LS	1.000	26
	502	2001	022	BARRICADES, SIGNS AND TRAFFIC HAN- DLING DOLLARS and CENTS	MO	5.000	27
	506	2001		ROCK FILTER DAMS (INSTALL) (TY 1) DOLLARS and CENTS	LF	120.000	28
	506	2009		ROCK FILTER DAMS (REMOVE) DOLLARS and CENTS	LF	120.000	29
	506	2024		BACKHOE WORK (EROSION & SEDM CONT) DOLLARS and CENTS	HR	16.000	30
	506	2034		TEMPORARY SEDIMENT CONTROL FENCE DOLLARS and CENTS	LF	220.000	31

ALT	ITEM-CODE			UNIT BID PRICE ONLY. WRITTEN IN WORDS	UNIT	APPROX QUANTITIES	DEPT USE ONLY
	ITEM NO	DESC CODE	S.P. NO.				
	540	2001		MTL W-BEAM GD FEN (TIM POST) DOLLARS and CENTS	LF	100.000	32
	544	2001		GUARDRAIL END TREATMENT (INSTALL) DOLLARS and CENTS	EA	4.000	33
	658	2241		INSTL DEL ASSM (D-SW)SZ 1(FLX)GF2(BI) DOLLARS and CENTS	EA	12.000	34
	658	2316		INSTL OM ASSM (OM-2Z)(FLX)GND DOLLARS and CENTS	EA	8.000	35
	784	2007		REPAIR STL BRIDGE MEMBERS DOLLARS and CENTS	LS	1.000	36
	4217	2001		REMV AND REPL EXISTING TRUSS BRIDGE DOLLARS and CENTS	LS	1.000	37

County: GRAYSON

Control: 0901-19-110

Highway: CR 339

GENERAL NOTES:

GENERAL

Appoint a competent contact person to receive public complaints concerning work activities twenty four hours a day seven days a week. This person shall have the authority to correct or have corrected any deficiencies concerning the construction. Safety related issues must be corrected within four hours after the contact person receives notification.

Provide access to private property at all times.

Locate all utilities and other obstacles (visible or hidden) that would impact operations. TxDOT is not responsible for locating utilities or obstacles. Locate all utilities and obstacles in a timely manner that will allow adjustment or removal without impeding construction operations. No additional compensation will be granted due to the resulting delays or schedule adjustments necessitated by the existence of utilities and/or obstacles.

At the time of completion of the contract and acceptance, all proposed concrete surfaces shall be free of all foreign material, stains and marks. This work will not be paid for directly, but shall be subsidiary to the various bid items on the contract.

Waste materials shall be disposed of, off county easements/property in a satisfactory manner. Approval of the site prior to disposal is required. Furnish written evidence of concurrence by the disposal site Property Owner.

Stockpile sites for construction materials shall be approved. Notification shall be given at least 48 hours prior to stockpiling material to secure approval of the site.

ITEM 1. DEFINITION OF TERMS

References to left and right in the plans relate to the direction of stationing.

ITEM 5. CONTROL OF THE WORK

The responsibility for the construction surveying on this contract will be in accordance with Article 5.6.A, "Method A".

Prior to contract letting, bidders may obtain a free computer diskette or a computerized transfer of files (from the Engineer's office) that contains the earthwork information. If copies of the actual cross-sections in addition to, or instead of, the diskette are requested, they will be available at the Engineers office at the bidders expense.

ITEM 7. LEGAL RELATIONS AND RESPONSIBILITIES

Do not initiate activities in a project specific location (PSL) associated with a U.S. Army Corps of Engineers (USACE) permit area that have not been previously evaluated by the USACE as part of the permit review of this project. Such activities include, but are not limited to, haul roads, equipment staging areas, borrow and disposal sites. Associated defined here means materials are delivered to or from the PSL. The permit area includes all waters of the U.S. or associated wetlands affected by activities associated with this project. Special restrictions may be required for such work. The contractor shall be responsible for any and all consultations with the USACE regarding activities, including project specific locations (PSLs) that have not been previously evaluated by the USACE. Provide the department with a copy of all consultation(s) or approval(s) from the USACE prior to initiating activities.

Proceed with activities in PSLs that do not affect a USACE permit area if a self determination has been made that the PSL is non-jurisdictional or proper USACE clearances have been obtained in jurisdictional areas or have been previously evaluated by the USACE as part of the permit review of this project. The contractor is solely responsible for documenting any determination(s) that their activities do not affect a USACE permit area. Maintain copies of their determination(s) for review by the department or any regulatory agency.

Document and coordinate with the USACE, if required, prior to any excavation hauled from or embankment hauled into a USACE permit area by either (1) or (2) below.

(1) Restricted Use of Materials for the Previously Evaluated Permit Areas.

Document both the project specific location (PSL) and their authorization. Maintain copies for review by the department or any regulatory agency. When an area within the project limits has been evaluated by the USACE as part of the permit process for this project:

- a. Suitable excavation of required material in the areas shown on the plans and cross sections as specified in Item 110 is used for permanent or temporary fill (Item 132, Embankment) within a USACE permit area;
- b. Suitable embankment (Item 132) from within the USACE permit area is used as fill within a USACE evaluated area; and,
- c. Unsuitable excavation or excess excavation ["Waste"] (Item 110) that is disposed of at an approved location within a USACE evaluated area.

(2) Contractor Materials from Areas Other than Previously Evaluated Areas.

Provide the department with a copy of all USACE coordination or approval(s) prior to initiating any activities for an area within the project limits that has not been evaluated by the USACE or for any off right of way locations used for the following, but not limited to, haul roads, equipment staging areas, borrow and disposal sites:

- a. Item 132, Embankment, used for temporary or permanent fill within a USACE permit area; and,
- b. Unsuitable excavation or excess excavation ["Waste"] (Item 110, Excavation) that is disposed of outside a USACE evaluated area.

ITEM 8. PROSECUTION AND PROGRESS

Working days will be computed and charged in accordance with Article 8.3.A.4 Standard Workweek.

Before beginning work on this project, submit in writing, for approval, a plan of construction operations outlining in detail a sequence of work to be followed.

ITEM 100. PREPARING RIGHT OF WAY

This Item shall include work as outlined in the Standard Specifications and the work necessary to relocate existing stone rip rap and broken concrete used as channel armor. The channel armor shall be relocated as directed. Any channel armor deemed unnecessary shall be disposed of as waste materials.

Tree removal shall be determined. Use accepted pruning techniques, as approved, to accomplish any necessary tree pruning.

Discarded refuse and junk deposited in the channels and roadway ditches adjacent to the channel shall be removed and placed in an area accessible to County work forces. County work forces will dispose of the discarded refuse and junk.

Removal / Relocation and disposal of existing road and bridge signs shall be subsidiary to this item.

ITEM 110. EXCAVATION

This Item also includes excavation of existing gravel/base on the roadway. The existing gravel/base shall be excavated for use as foundation for the proposed flexible base. The equipment, labor, fuel, incidentals, etc. to stockpile, place and compact the excavated gravel/base shall be subsidiary to this Item. The gravel/rock shall be placed and prepared as specified for Item 247.

ITEM 164. BROADCAST SEEDING

Temporary seeding shall be used to establish vegetation over disturbed areas during the period specified in Table 3 of the Standard Specifications, as directed, until final lines and grades are achieved. Once final lines and grades are obtained in a disturbed area, the area shall be seeded with the permanent seed mixture.

Disturbed soil areas in which construction activity has ceased (temporarily or permanently) shall be seeded within fourteen days unless construction activities are scheduled to resume within twenty one days.

The permanent seed mixture shall be applied with straw or hay mulch and a tacking agent. Planting mixture rates and seasons shall be specified in the standard specification item 164 for District 1(Paris). Seed type, rates, and amounts shall conform to Table 1, "Rural Area".

All subsequent seeding applications necessary to establish required vegetative cover will be subsidiary to this Item.

ITEM 166. FERTILIZER

Fertilizer with the analysis ratio of 3-1-2 (NPK) shall be applied in two applications to all permanently seeded areas at the rate of 100 lbs/ac. (project total/acre) actual nitrogen. The first application shall be made within ten days of permanent seeding and the second application shall be made thirty days after the first application. Application of fertilizer shall be subsidiary to Item 164 and no further payments will be made.

ITEM 168. VEGETATIVE WATERING

Water trucks used for vegetative watering shall be equipped with a sprinkler system adequate to permit coverage of the entire area seeded for erosion control. Vegetative watering shall be performed by regular applications of reasonable quantities of water rather than "all at once" application. Retain sufficient equipment to perform vegetative watering whenever requested through the duration of vegetative establishment.

Vegetative water applications shall begin within five days of seeding.

ITEM 247. FLEXIBLE BASE

GRADING REQUIREMENTS

(TEST TO BE IN ACCORDANCE WITH TxDOT STANDARD TEST METHODS)

ITEM	PERCENT RETAINED SIEVE					MAX BAR SHRINKAGE	WET BALL MILL
	1 3/4"	7/8"	3/8"	#4	#40		
247	0	10-35	30-50	45-65	70-85	6.0	45 MAX

MAX LL=40

The base material shall be tested by the standard Wet Ball Mill Test, test method TEX-116-E, and the increase in material passing the No. 40 sieve shall not be greater than 20 percent.

Material under this item shall contain not more than one (1) percent by weight, of clay balls, and shall be practically free of soil, loam or vegetative matter. Percent of clay balls shall be determined from a representative sample of base material at the optimum compaction ratio moisture. The base material shall be separated into the plus No.4 and the minus No.4 by the use of a No.4 sieve. The clay balls shall be removed manually from the No.4 material and then the clay balls and the remainder of the sample dried to constant weight. Any aggregate or binder embedded in the clay balls shall be considered as part of the clay balls. The percent of the clay balls shall be computed by dividing the dry weight of the clay balls by the dry weight of the total and multiplying by 100.

ITEM 310. PRIME COAT

Sand used as blotter, if needed, shall only be applied approximately thirty (30) minutes before sunset, at the Contractor's expense. Sand should only be placed at public or private road crossings. Rework the base finish, at Contractor's expense, if significant deterioration develops, as directed.

ITEM 316. SURFACE TREATMENTS

The coarse aggregate for the surface treatments shall be a minimum class of "B" as published in the Aggregate Quality Monitoring Program Rated Source Quality Catalogue.

Rolling, meeting the requirements of Item 213 (light or medium pneumatic rolling Type B), will be considered subsidiary to the various bid items and shall be performed, as directed.

Surface treatment areas shall be cleaned of dirt, dust, grass, loose flex base, loose ACP, or other detrimental matter by sweeping, blading, or other approved methods. Excess aggregate shall be removed by brooming from the roadway.

Grade of asphalt for the surface treatment will be determined, rates will be determined accordingly.

When wind velocities are sufficient to produce noticeable distortion of the spray from the distributor bar, asphaltic materials shall not be placed.

Application of the surface treatment shall occur within two working days of completion of the prime operation.

Placement of the surface treatment will begin prior to 3:00 p.m., unless otherwise authorized.

Open season for AC-20-5TR is from May 1 to September 1 inclusive. Open season for CRS-1P is from September 2 to April 31 inclusive. These dates will be strictly adhered to.

ITEM 400. EXCAVATION AND BACKFILL FOR STRUCTURES

Concrete shall not be used as backfill.

ITEM 416. DRILLED SHAFT FOUNDATIONS

A minimum of one core will be required at each abutment/bent. These will be measured and paid according to Item 416 standard specifications.

ITEM 420. CONCRETE STRUCTURES

The Type "A" joint as detailed in the plans will be subsidiary to this Item and no further payment will be made.

Do not use membrane curing for structural elements.

Sawed bridge deck grooves may be substituted with tined grooves.

ITEM 421. HYDRAULIC CEMENT CONCRETE

Strength testing equipment for acceptance testing will be provided.

Use sulfate resistant concrete for all ground contacting concrete.

ITEM 428. CONCRETE SURFACE TREATMENT

Provide a Class I Surface Treatment for the bridge deck.

ITEM 432. RIPRAP

The placement of stone riprap may be adjusted.

ITEM 446. CLEANING AND PAINTING STEEL

The relocated steel truss bridge will not be painted, only cleaned.

ITEM 496. REMOVING STRUCTURES

The structure to be removed may have surface coatings which may contain hazardous materials. Provide for the safety and health of employees and abide by all OSHA Standards and Regulations.

Removal items will consist of the remaining bridge components not relocated during the historic bridge removal and relocation.

Any remaining parts of the structure deemed salvageable by the County shall be neatly stockpiled adjacent to the project location for the County forces to pick up. Contact the appropriate county commissioner for salvageable material lists. All other components of the bridge shall be disposed of in a satisfactory manner.

Removal of one driveway culvert will be subsidiary to Item 496 and no direct payment will be made.

ITEM 500. MOBILIZATION

One properly working Cellular Phone with voice mail service is required for this project. Set-up and maintenance of this equipment during the period of the contract shall be the responsibility of the contractor. Payment shall be made in accordance Special Specification 5010. Service shall be provided for 1000 minutes per month. The Cellular Phone service provider shall be approved.

Provide (one) laptop microcomputer and one printer as specified in DMS-10101. In addition to specifications detailed in DMS-10101 also provide and maintain (one) laptop microcomputer wireless mouse and (one) laptop/vehicle power converter for use in TXDOT vehicles. This equipment is subsidiary to the overall project and no direct payment will be made for its provision.

ITEM 502. BARRICADES, SIGNS AND TRAFFIC HANDLING

The signs and barricades shall remain in place until the District Director of Construction or a designated representative has performed the final inspection, and all corrections are completed.

The traffic control plan for this project shall consist of the barricades and signing arrangement shown on the title sheet, the barricade and construction standard sheets BC (1)-03 through BC

County: GRAYSON

Control: 0901-19-110

Highway: CR 339

(12)-03, the Texas Manual on Uniform Traffic Control Devices, Traffic Control Plan sheet and as required by . All traffic control devices shall be maintained according to the TMUTCD and TxDOT standards and as directed.

Do not begin Item 502, Barricades, Signs and Traffic Handling, on the roadway, until both of the following conditions are met:

1. The work schedule is approved.
2. No more than five (5) workdays will pass between the beginning of Item 502 and the actual commencement of the roadway bid item work.

Inspect all traffic control devices and device applications to ensure the safety of all workers and the traveling public.

Signs and barricades shall remain in place until construction is complete.

ITEM 506. TEMPORARY EROSION, SEDIMENTATION AND ENVIRONMENTAL CONTROLS

Do not begin work on this project until both of the following conditions are met:

1. Submit a sequencing plan for SW3P work as it relates to the construction sequence of work. This plan shall provide for both temporary and permanent control measures to prevent erosion, sedimentation and water pollution.
2. The sequence plan for SW3P must be approved by.

If, soil erosion and sedimentation is not effectively controlled the amount of area that can be disturbed will be limited to a size that the can be controlled or all work on the project will be suspended until effective soil erosion and sedimentation control can be demonstrated on previously disturbed areas.

Appoint a competent person to oversee the proper implementation and maintenance of the Storm Water Pollution Prevention structures.

The SW3P Construction Site Notice must be posted on the construction site until establishment of 70% uniform perennial vegetative cover.

Should the erosion control measures fail to function properly, act immediately to bring the erosion and sedimentation under control by properly maintaining the existing controls or by providing additional controls, as directed.

Perform maintenance of all SW3P devices and measures, as needed or as directed, within seven days of notification. Failure to comply will result in all work and future payment for all work

being suspended (but time charges will continue) on the project, until corrective action is taken or additional devices and/or measures are implemented.

Erosion control devices, may be altered as deemed necessary, to meet the intent of the SW3P.

Exact locations of Sediment Control Fence and Rock Filter Dams may be varied in the field.

Until all disturbed areas are covered with 70% uniform perennial vegetative cover, as determined, the final estimate will be withheld. Any subsequent work relating to vegetation establishment shall require traffic control, as detailed on the TCP Sheets.

ITEM 544. GUARDRAIL END TREATMENTS

All Guardrail end treatments shall be either the BEST - 350 or the ET – 2000 Plus.

ITEM 658. DELINEATOR AND OBJECT MARKER ASSEMBLIES

The exact locations of all Delineators and Object Markers shall be verified in the field.

CONTROL : 0901-19-110
PROJECT : BR 2000(438)
HIGHWAY : CR
COUNTY : GRAYSON

TEXAS DEPARTMENT OF TRANSPORTATION

GOVERNING SPECIFICATIONS AND SPECIAL PROVISIONS

ALL SPECIFICATIONS AND SPECIAL PROVISIONS APPLICABLE TO THIS PROJECT
ARE IDENTIFIED AS FOLLOWS:

STANDARD SPECIFICATIONS: ADOPTED BY THE TEXAS DEPARTMENT OF
----- TRANSPORTATION JUNE 1, 2004.
STANDARD SPECIFICATIONS ARE INCORPORATED
INTO THE CONTRACT BY REFERENCE.

ITEMS 1 TO 9 INCL., GENERAL REQUIREMENTS AND COVENANTS
ITEM 100 PREPARING RIGHT OF WAY (103)
ITEM 110 EXCAVATION (132)(247)
ITEM 132 EMBANKMENT (100)(204)(210)(216)(400)
ITEM 164 SEEDING FOR EROSION CONTROL (162)(166)(168)
ITEM 168 VEGETATIVE WATERING
ITEM 247 FLEXIBLE BASE (105)(204)(210)(216)(520)
ITEM 310 PRIME COAT (300)(316)
ITEM 316 SURFACE TREATMENTS (210)(300)(302)(520)
ITEM 400 EXCAVATION AND BACKFILL FOR STRUCTURES (132)(401)(420)
(421)
ITEM 416 DRILLED SHAFT FOUNDATIONS (420)(421)(440)(448)
ITEM 420 CONCRETE STRUCTURES (400)(421)(427)(438)(440)(448)
ITEM 422 REINFORCED CONCRETE SLAB (420)(421)(424)(426)(440)
ITEM 425 PRECAST PRESTRESSED CONCRETE STRUCTURAL MEMBERS (420)
(421)(424)(426)(427)(434)(440)
ITEM 428 CONCRETE SURFACE TREATMENT (427)
ITEM 432 RIPRAP
ITEM 446 CLEANING AND PAINTING STEEL
ITEM 450 RAILING (441)(442)(445)(448)(540)
ITEM 496 REMOVING STRUCTURES
ITEM 500 MOBILIZATION (5010)
ITEM 502 BARRICADES, SIGNS, AND TRAFFIC HANDLING
ITEM 506 TEMPORARY EROSION, SEDIMENTATION, AND ENVIRONMENTAL
CONTROLS
ITEM 540 METAL BEAM GUARD FENCE (421)(445)(529)(542)(544)
ITEM 544 GUARDRAIL END TREATMENTS
ITEM 658 DELINEATOR AND OBJECT MARKER ASSEMBLIES (445)
ITEM 784 REPAIRING STEEL BRIDGE MEMBERS (421)(441)(442)(446)(448)
(780)

SPECIAL PROVISIONS: SPECIAL PROVISIONS WILL GOVERN AND TAKE
----- PRECEDENCE OVER THE SPECIFICATIONS ENUMERATED
HEREON WHEREVER IN CONFLICT THEREWITH.

REQUIRED CONTRACT PROVISIONS, FEDERAL-AID CONSTRUCTION CONTRACTS
(FORM FHWA 1273, DECEMBER, 1993)

WAGE RATES

SPECIAL PROVISION "SCHEDULE OF LIQUIDATED DAMAGES" (000---275)
SPECIAL PROVISION "PARTNERING" (000---002)
SPECIAL PROVISION "NOTICE TO ALL BIDDERS" (000---003)
SPECIAL PROVISION "NOTICE OF REQUIREMENT FOR AFFIRMATIVE ACTION TO
ENSURE EQUAL EMPLOYMENT OPPORTUNITY" (000---004)
SPECIAL PROVISION "DISADVANTAGED BUSINESS ENTERPRISE IN FEDERAL-
AID CONSTRUCTION" (000---461)
SPECIAL PROVISION "STANDARD FEDERAL EQUAL EMPLOYMENT OPPORTUNITY
CONSTRUCTION CONTRACT SPECIFICATIONS" (000---006)
SPECIAL PROVISION "OPTIONAL TRAINING" (000---008)
SPECIAL PROVISION "CERTIFICATION OF NONDISCRIMINATION IN EMPLOYMENT"
(000---009)
SPECIAL PROVISION "DEPARTMENT DIVISION MAILING AND PHYSICAL ADDRESS"
(000---011)
SPECIAL PROVISION TO ITEM 3 (003---020)
SPECIAL PROVISION TO ITEM 5 (005---001)
SPECIAL PROVISION TO ITEM 6 (006---023)
SPECIAL PROVISIONS TO ITEM 7 (007---213) (007---228)
SPECIAL PROVISION TO ITEM 9 (009---009)
SPECIAL PROVISION TO ITEM 100 (100---001)
SPECIAL PROVISION TO ITEM 420 (420---003)
SPECIAL PROVISION TO ITEM 421 (421---024)
SPECIAL PROVISION TO ITEM 434 (434---003)
SPECIAL PROVISION TO ITEM 440 (440---001)
SPECIAL PROVISION TO ITEM 441 (441---002)
SPECIAL PROVISION TO ITEM 442 (442---005)
SPECIAL PROVISION TO ITEM 500 (500---002)
SPECIAL PROVISION TO ITEM 502 (502---022)

SPECIAL SPECIFICATIONS:

ITEM 4217 DCS48247-ITEM DESCRIPTION NOT FOUND ON TACS TABLE:
CONTACT D-8
ITEM 5010 TRANSPORTABLE CELLULAR TELEPHONES
ITEM 5018 INCENTIVE FOR USING NON-ROAD DIESEL EQUIPMENT POWERED BY
EPA TIER 1, 2, OR 3 DIESEL ENGINES IN NONATTAINMENT AND
AFFECTED COUNTIES

GENERAL: THE ABOVE-LISTED SPECIFICATION ITEMS ARE THOSE UNDER WHICH
----- PAYMENT IS TO BE MADE. THESE, TOGETHER WITH SUCH OTHER
PERTINENT ITEMS, IF ANY, AS MAY BE REFERRED TO IN THE ABOVE-

LISTED SPECIFICATION ITEMS, AND INCLUDING THE SPECIAL PROVISIONS LISTED ABOVE, CONSTITUTE THE COMPLETE SPECIFICATIONS FOR THIS PROJECT.

SPECIAL SPECIFICATION**4217****Remove and Relocate Existing Truss Bridge**

1. **Description.** Remove and relocate Existing Truss Bridge as shown in the plans. Place Existing Truss Bridge on temporary footing for repairs. Lift and set Existing Truss Bridge on permanent foundations after repairs are complete.
2. **Construction Methods.** Remove the existing truss bridge from the original site listed in the General Notes and relocate to the new site listed in the General Notes. Lift and move the truss bridge as shown in the plans and as directed by the Engineer.

Submit a Lifting and Moving Plan to the Engineer of Record for review and approval. Show details in the Lifting and Moving Plan for any bracing or lifting attachments to the original bridge members. Show the support conditions for the truss bridge during transport in the Plan.

Provide all permits, escorts and utility adjustments required to make the move.

Prior to lifting the entire bridge, lift each end separately so as to free the bearings from the foundations. When lifting one end, lift both corners simultaneously and symmetrically. Do not raise the end of the truss higher than necessary to free the bearings. After freeing the bearings, replace the truss on the foundation, and repeat steps to free the bearings at the opposite end. After both ends of the bridge are free, lift all four corners of the bridge simultaneously and symmetrically.

Remove timber deck and timber stringers prior to lifting. Floorbeams and lateral bracing are to remain in place on the truss bridge. Brace the truss bridge as shown in the plans prior to lifting. Move the truss bridge in one piece to the new location. At the new location, place the truss bridge on temporary footings as shown on the plans.

Take extreme care when lifting and moving the truss bridge. Any damage caused by the Contractor's operations will be repaired as directed by the Engineer at the Contractor's expense.

Place temporary footings so as to keep the steel out of contact with the ground. Place the temporary footings so as to secure the truss in a level position.

After placing the truss bridge on temporary footings, field verify truss dimensions shown in the plans for the overall length and width. Verify other truss dimensions pertinent to setting or repairing the truss. Report any field measurements in conflict with dimensions shown in the plans to the Engineer of Record. Adjust plan dimensions as necessary after approval by the Engineer of Record. After completing any cleaning, painting, and repairs specified in the plans, set the truss bridge on the new foundations.

Make temporary or permanent attachments to the truss bridge by clamping or bolting through original rivet holes as approved by the Engineer. Do not weld to any bridge member except as shown in the plans. Do not drill through any bridge member except as shown in the plans. Do not flame cut any bridge member unless approved by the Engineer of Record.

3. **Measurement.** The work as provided for by this specification will be measured by the lump sum.
4. **Payment.** The work performed and materials furnished in accordance with this Item and measured as provided under "Measurement" will be paid for at the unit price bid for "Remove and Relocate Existing Truss Bridge". This price is full compensation for all excavation, backfilling, bracing, lifting, moving, escorts, permits, utility adjustments, and furnishing all temporary supports, equipment, tools, labor and incidentals.